

Title (en)

GEAR TRAIN ARCHITECTURE FOR A MULTI-SPOOL GAS TURBINE ENGINE

Title (de)

ZAHNRADGETRIEBEARCHITEKTUR FÜR EINEN GASTURBINENMOTOR MIT MEHREREN SPULEN

Title (fr)

ARCHITECTURE D'ENGRENAGE POUR MOTEUR À TURBINE À GAZ MULTI-CORPS

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Application

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- US 201662363952 P 20160719
- US 201662363949 P 20160719
- US 201662363947 P 20160719
- US 201615384959 A 20161220
- US 201715407423 A 20170117
- US 201715407414 A 20170117
- US 201715407445 A 20170117
- US 201715407439 A 20170117
- EP 17182094 A 20170719

Abstract (en)

A multi-spool gas turbine engine (10) comprises a low pressure (LP) spool (20) and a high pressure (HP) spool (40). The LP spool (20) and the HP spool (40) are independently rotatable about an axis (17). The LP spool (20) has an LP compressor (22) and an LP turbine (21). The HP spool (40) has an HP turbine (41) and an HP compressor (42). The LP compressor (22) is axially positioned between the HP compressor (42) and an accessory gear box (AGB) (50). The AGB (50) is drivingly connected to the HP spool (40) through the center of the LP compressor (22).

IPC 8 full level

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